

### ABSTRACT

5 The present invention relates to a method and apparatus for isolating anticoagulant heparin or heparan sulfate by binding the anticoagulant heparin or anticoagulant heparan sulfate onto an affinity matrix and separating the non-bound material from the bound material. The affinity matrix is made of a fibroblast growth factor immobilized on a support. The invention also relates to a method and composition for neutralizing anticoagulation catalyzed by heparin, a heparin mimic, or a heparin derivative, by contacting heparin, a heparin mimic, or a heparin derivative with a fibroblast growth factor.